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sides such a body would receive exceptional courtesies from the authorities abroad.

It is only natural that a competent director of the tour will be named who, with extensive experience in travel abroad and a knowledge of languages, will be in position to care for the welfare of the party in the best possible way.

It is hoped that the members of the profession will aid the committee in its work. Those who desire further information will be given full attention.

ADOLPH EICHHORN,  
*Secretary*

#### SCIENTIFIC NOTES AND NEWS

THE Paris Academy of Sciences has elected Professor W. M. Davis, of Harvard University, a correspondent in the Section of Geography and Navigation, in the place of the late Sir George Darwin.

THE University of California has awarded an honorary degree to Mr. John Muir, "born in Scotland, reared in the University of Wisconsin, by final choice a Californian, widely traveled observer of the world we dwell in, man of science and of letters, friend and protector of nature, uniquely gifted to interpret unto other men her mind and ways."

THE Halle Academy of Sciences has awarded its gold Cothenius medal to Dr. Leonhard Schultze, professor of geography at Marburg.

DR. OTTO H. TITTMAN, chief of the Coast and Geodetic Survey, has been made an honorary member of the Berlin Geographical Society.

THE Hanbury medal of the Pharmaceutical Society, London, has been awarded to Dr. Frederick Bilding Power, Ph.D., LL.D. The medal is awarded biennially for original research in the chemistry and natural history of drugs. Dr. Power, who is director of the Wellcome Research Laboratories, London, is an American by birth.

THE council of the Royal Society of Arts has passed the following resolution:

On the occasion of the fiftieth award of the Albert medal of the Royal Society of Arts, the council of the society desire to offer the medal to H.M. King George V., for nine years president, and now patron of the society, in respectful recognition of his Majesty's untiring efforts to make himself personally acquainted with the social and economic condition of the various parts of his dominions, and to promote the progress of arts, manufactures and commerce in the United Kingdom and throughout the British Empire.

THE gold Nachtigall medals of the Berlin Geographical Society have been awarded to Duke Adolf Friedrich, of Mecklenberg, and Professor Hans Meyer, for explorations in Africa.

PROFESSORS J. L. COOLIDGE, E. V. HUNTINGTON and G. D. BIRKHOFF, of the division of mathematics of Harvard University, have been elected to membership in the American Academy of Arts and Sciences.

THE Rumford Committee of the American Academy, at its last meeting, voted the following appropriations: to Frederick G. Keyes, of the Massachusetts Institute of Technology, \$300 to be used for the payment of assistants in the computation of thermodynamic tables for ammonia, and to Professor Theodore W. Richards, of Harvard University, \$100 to be used in aid of the publication of the Annual International Tables of Constants.

SECRETARY LANE has announced a reorganization of the reclamation service. F. H. Newell, director of the Reclamation Service, will be chairman of a new Reclamation Commission. The commission will consist of five members, who, besides Chairman Newell, will be George Barton French, in charge of operation and maintenance; A. P. Davis, chief engineer; Judge Will R. King, of Oregon, chief counsel, and one other, who will have charge of the contracts and finances.

DR. W. D. BIGELOW, for many years a member of the Bureau of Chemistry, U. S. Department of Agriculture, has resigned from the government service to take charge of the laboratory of the National Canners' Association to be established in Washington.

MR. NATHAN C. GROVER, of New Jersey, has been appointed chief hydraulic engineer of the water-resources branch of the U. S. Geological Survey, to succeed Mr. Marshall O. Leighton, who resigned early in May to plan and supervise land drainage in Florida.

MR. C. G. ELLIOTT, chief of drainage investigations in the Department of Agriculture, has left the government service to go into private business.

MR. E. N. WENTWORTH, associate professor of animal husbandry at the Ohio State College, has become associate editor of *The Breeders' Gazette*.

DR. T. N. CARVER, David A. Wells professor of political economy at Harvard University, has been appointed director of the Rural Organization Service, a new branch of work just organized by the federal Department of Agriculture, and has been granted leave of absence from the university so that he may be able to carry on the new work he has undertaken.

MR. L. F. RICHARDSON, assistant lecturer in physics at the Municipal School of Technology, Manchester, has been appointed superintendent of the Geophysical Observatory, Eskdalemuir, in succession to Mr. G. W. Walker, resigned.

MR. T. L. ECKERSLEY, B.A., of Trinity College, Cambridge, has been appointed assistant at the Helwan Observatory, Egypt, to assist in the magnetic work.

PROFESSOR VON DUNGERN, of Heidelberg, has been appointed director of the newly established institute for experimental cancer research at Hamburg-Eppendorf.

DR. W. A. MURRILL, assistant director of the New York Botanical Garden, has sailed for Europe to study especially the conditions of the growth of trees in cities.

THE Academy of Science of Oregon has elected officers as follows:

*President*—N. H. Laurie.

*First Vice-president*—A. R. Sweetzer.

*Second Vice-president*—T. D. Beckwith.

*Third Vice-president*—W. L. Finley.

*Secretary*—Miss Jane Stearns.

*Treasurer*—A. L. Knisley.

*Librarian*—A. W. Miller.

*Trustees*—A. L. Knisley, E. A. Beals, J. D. Lee.

THE results of the election for the Ohio State University Chapter of the Sigma Xi Society was as follows:

*President*—C. S. Prosser, professor of geology.

*Vice-president*—John F. Lyman, professor of agricultural chemistry.

*Secretary*—W. M. Barrows, instructor in biology.

*Treasurer*—John A. Wilkinson, assistant professor of chemistry.

THE Minnesota Chapter of the Sigma Xi met on May 29 for its annual banquet and initiation of new members. At the same time researches of three of the initiates was presented as follows:

"A Successful Case of Applied Entomology," C. W. Howard.

"Parasitism in Rusts," E. C. Stakman.

"Sunlight as a Factor in Plant Metabolism," R. W. Thatcher.

At Minnesota, research is essential for the election to Sigma Xi.

DR. JAMES W. JOBLING, of Michael Reese Hospital, Chicago, Ills., gave the annual address before the Minnesota Pathological Society on May 20. His subject was "The Toxicity and Antigenetic Properties of the Cleavage Products of Bacterial Proteins."

PROFESSOR G. H. PARKER, of Harvard University, addressed the Brown Chapter of Sigma Xi, at the University Club, Providence, on May 28, on a "Biological Forecast."

PROFESSOR G. W. PIERCE, of Harvard University, has delivered three lectures on "Wireless Telegraphy and Wireless Telephony" before the student officers of the post-graduate department of the United States Naval Academy at Annapolis, Md.

A LARGE bronze mural tablet to the memory of the late Dr. John Herr Musser, professor of clinical surgery in the University of Pennsylvania, has been presented to the University Hospital. The tablet was designed by Dr. R. Tait McKenzie.

LORD AVEBURY, formerly Sir John Lubbock, distinguished for public services in many di-

rections, including a large number of contributions to natural science and books of popular interest, died on May 28, aged seventy-nine years.

DR. MAX THOMAS EDELMANN, professor of physics in the School of Technology of Munich, has died at the age of sixty-eight years.

DR. H. WEBER, professor of mathematics at Strassburg University, died on May 17, at seventy-one years of age.

M. ALFRED DE FOVILLE, permanent secretary of the Académie des Sciences Morales et Politiques, an eminent economist and statistician, has died at the age of seventy-one years.

THE death is announced of Friedrich Wilhelm Ristenpart, director of the Observatory at Santiago, Chili.

THE U. S. Civil Service Commission announces an examination for soil biochemists at salaries ranging from \$1,800 to \$2,200 a year, in the Bureau of Soils, Washington, D. C.

THE Canadian Medical Association will hold its forty-sixth annual meeting in London, Ontario, on June 24, under the presidency of Dr. H. A. McCallum.

THE American Medical Association will hold its sixty-fourth annual session at Minneapolis from June 17 to 20, under the presidency of Dr. John A. Witherspoon. The work of the meeting will be distributed among the following sections: The practise of medicine, surgery, obstetrics, gynecology and abdominal surgery, ophthalmology, laryngology, otology and rhinology, diseases of children, pharmacology and therapeutics, pathology and physiology, stomatology, nervous and mental diseases, dermatology, preventive medicine and public health, genito-urinary diseases, hospitals and orthopedic surgery.

A TIDAL observatory, the first of its kind in Great Britain, erected near the Castle, Dunbar, has been opened. One of the main objects of the observatory will be to afford a

means of examining local vertical movements of the coastline, if any occur, as recommended by the royal commission on coast erosion.

THE Nathan Lewis Hatfield prize of the College of Physicians of Philadelphia, amounting to \$500, will be awarded in 1916. The deed of trust requires that the prize shall be on a subject of general medicine, medical pathology or therapeutics, the treatment to embody original observations, or researches, or original deductions. Competition for the prize is open to the medical profession and men of science in the United States. The original of the successful essay becomes the property of the College of Physicians. All manuscripts must be sent by May 30, 1915, to the committee, which consists of William G. Spiller, M.D. (chairman), Allen J. Smith, M.D., and William Pepper, M.D.

AN association, called the Union Médicale Franco-Ibéro-Américaine, has, as we learn from the *British Medical Journal*, recently been formed in Paris for the purpose of uniting the doctors of the republics of Central and South America with Spanish and French physicians in a scientific alliance of Latin races. From the initial letters of its title it is called for shortness "Umfia." The president is Dr. L. Dartigues; the general secretary is Dr. Gaullier l'Hardy; the vice-presidents, Drs. Bandelac de Pariente (physician to the Spanish embassy in Paris), Manrique and Delaunay. Among the members of the honorary committee are the Spanish ambassador to the French republic; Professor Ortega Morejon, member of the Spanish Academy of Medicine; Dr. Pulido, senator of Spain; Dr. Risquez, sometime rector of the University of Caracas, together with the dean of the Paris Faculty, Professor Landouzy, and Professors Ch. Richet, F. Widai, A. Robin, Pozzi, Pierre Marie, Pinard, Legueu, Doléris and Bazy, and Dr. Roux, director of the Pasteur Institute. Membership is open to all doctors throughout the world who speak Spanish or Portuguese. At present there exist more than twenty autonomous nations of Spanish speech, and it is estimated that the language is spoken

by more than a hundred million persons. It is proposed to establish a Hispano-American Hospital, to arrange scientific tours and to make summaries of all medical papers written in Spanish available for members. The objects of the Umfia are to make its members known to each other, to establish relations, social and scientific, with the doctors of every country where Spanish is spoken; to establish an information bureau for Spanish or Portuguese doctors who go to Paris to pursue clinical work and research; to arrange courses of instruction, lectures, meetings, festivities and congresses, and to organize means of assistance to foreigners of Spanish-American origin settled in Paris who may be in need of help.

WE learn from *Nature* that the famous prehistoric camp, known as Maiden Castle, near Dorchester, has been, at the suggestion of King George, purchased by the Duchy of Cornwall, and will now be carefully preserved. The camp dates from Celtic times, and formed a shelter for cattle during tribal raids rather than a military fortress. Water was supplied from a neolithic dew-pond on the summit of the plateau, and the palisading kept at bay wolves and other enemies, while the cattle were left in charge of a few women and children. The cunningly arranged entrances to the camp supply a remarkable example of primitive methods of defence.

#### UNIVERSITY AND EDUCATIONAL NEWS

THE special state appropriation bills for the University of California, as signed by the governor, provide amounts as follows: support and maintenance of the university, \$400,000; agriculture (support and maintenance of all branches), \$700,000; New North Hall, \$400,000; impairment of income, \$62,000; replacement of buildings and equipment at Lick Observatory, \$50,000; university extension, \$50,000; Los Angeles medical department (support), \$20,000; Los Angeles medical department (new buildings), \$25,000; Scripps Institution for Biological Research, \$15,000;

printing, \$12,000; one dormitory at Davis, \$40,000; dining hall at Davis, \$10,000; classroom and library buildings at Davis, \$65,000; small buildings at Davis, \$20,000; 200 acres for experiment station in southern California, \$60,000; laboratory building for experiment station in southern California, \$100,000; residence, barns, etc., for experiment station in southern California, \$25,000; total special appropriations, \$2,054,000. To these appropriations there must be added the state university fund to be automatically appropriated during the coming two years for the support and maintenance of the university amounting in total to \$1,802,978. The grand total appropriated by the state of California for the University of California for the next biennium is therefore \$3,856,978.

YALE UNIVERSITY will receive \$475,000 from the estate of Dr. Francis Bacon, who died last year. The sum will be available for almost immediate use.

MRS. MARY EMERY has contributed \$125,000 to the Ohio-Miami Medical College of the University of Cincinnati for the endowment of a chair of pathology. A sum of about \$80,000 from the estate of Dr. Francis Brunning has also been received by the university, the income of which will be used for the endowment of a second chair.

THE general faculty of Oberlin College has voted to recommend to the trustees that this year all honorary degrees be omitted at commencement.

MR. KERR DUNCAN MACMILLAN, assistant professor of church history in the Princeton Theological Seminary, has been elected to the presidency of Wells College.

DR. JAMES H. WOODS has been promoted to be professor of philosophy at Harvard University.

DR. CHARLES AUGUSTUS TUTTLE, professor of political economy and political science at Wabash College, Crawfordsville, Ind., has been elected professor of economics and social science at Wesleyan University.